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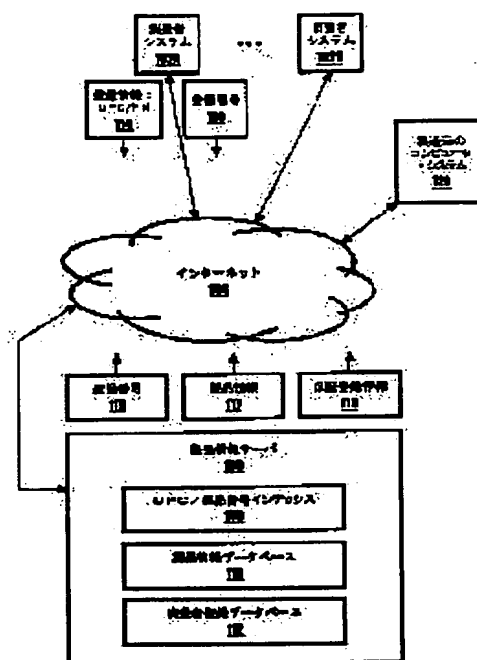
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) METHOD AND SYSTEM FOR PROVIDING PRODUCT INFORMATION

)Abstract:

OBLEM TO BE SOLVED: To provide a guarantee registering procedure to provide an incentive to register a guarantee for a consumer by registering registration information on condition that a product ID is valid once a product ID and registration information on the product are received.

SOLUTION: A consumer who operates a system 102A, etc., registers the product by inputting browser registration information including a UPC or component number functioning as a product ID to be registered. A browser transmits the product ID and registration information 114 to a product information server 106 through the Internet 104. The server 106 accesses JPC/component number index 108 by using the received product ID to decide whether or not the product ID is valid and stores the registration information corresponding to the product in a consumer entry in a consumer registration database 112 when so. Further, the server 106 sends an access code or registration number 116 to the consumer and also transmits product information 117 regarding the product identified by the product ID to the consumer.



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AIMS

aim(s)]

aim 1] The step which receives the registration information which is the approach of providing the consumer of a product with product information through a network, and contains the product ID of said product, and the information about said consumer of said product, The approach containing the step which judges whether said product ID is effective, the step which stores said registration information, the step which transmits the access code which identifies said stored registration information, and the step which transmits the product information about the product identified with said product ID.

aim 2] The approach according to claim 1 of containing further the step which registers the guarantee of the product identified with said product ID.

aim 3] The approach according to claim 2 of containing further the step which registers extension of a guarantee of product from which said registration information is further discriminated with said product ID including a financial accounting number, and the step which performs accounting to extension of said guarantee to the financial account specified by said financial accounting number.

aim 4] The approach according to claim 3 by which accounting to said financial account is performed periodically.

aim 5] The approach according to claim 1 of containing further the step which receives said access code, the step which retrieves the registration information in which the above containing said product ID of said product was stored using said access code, and the step which transmits the newest product information about the product identified with said product ID.

aim 6] The approach according to claim 5 by which said access code is received periodically.

aim 7] The approach according to claim 6 of containing further the step which performs accounting to transmission of the newest product information to the financial account as which said registration information is further specified by said financial accounting number including a financial accounting number.

aim 8] The approach according to claim 5 of containing further the step which registers the guarantee of the product identified with said product ID.

aim 9] The approach according to claim 5 of containing further the step which registers extension of a guarantee of product from which said registration information is further discriminated with said product ID including a financial accounting number, and the step which performs accounting to extension of the above of a guarantee to the financial account specified by said financial accounting number.

aim 10] The approach according to claim 9 of containing further the step which performs accounting to transmission of said newest product information to said financial account specified by said financial accounting number.

aim 11] A system including a means receive the registration information which is the system which provides the consumer of a product with product information, and contains the product ID of said product, and the information about the consumer of said product, a means judge that said product ID is effective, a means store said registration information, a means transmit the access code which identifies said stored registration information, and a means transmit the product information about the product identified with said product ID.

aim 12] The system according to claim 11 which includes further a means to register the guarantee of the product identified with said product ID.

aim 13] The system according to claim 12 which includes further a means to register extension of a guarantee of the product from which said registration information was further discriminated with said product ID including the financial accounting number, and a means to perform accounting to extension of said guarantee to the financial account specified by said financial accounting number.

aim 14] The system according to claim 13 by which accounting to said financial account is performed periodically.

aim 15] The system according to claim 11 which includes further a means to receive said access code, a means to

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ieve said stored registration information which contains said product ID of said product using said access code, and a means to transmit the newest product information about the product identified with said product ID.

aim 16] The system according to claim 15 by which said access code is received periodically.

aim 17] The system according to claim 16 which includes further a means to perform accounting to transmission of newest product information to the financial account as which said registration information was further specified by said financial accounting number including the financial accounting number.

aim 18] The system according to claim 15 which includes further a means to register the guarantee of the product identified with said product ID.

aim 19] The system according to claim 15 which includes further a means to register extension of a guarantee of the product from which said registration information is further discriminated with said product ID including a financial accounting number, and a means to perform accounting to extension of said guarantee to the financial account specified by said financial accounting number.

aim 20] The system according to claim 19 which includes further a means to perform accounting to transmission of newest product information to the financial account specified by said financial accounting number.

aim 21] So that the registration information which is the system which provides the consumer of a product with product information, and contains the product ID of said product, and the information about the consumer of said product may be received The receiving side which can operate, So that it may judge whether said product ID is effective : verification equipment which can operate, The system which contains the transmitting side which can operate so : said registration information may be stored and the product information about the database which can operate, the access code which identifies said stored registration information, and the product identified with said product ID may be transmitted.

aim 22] The system according to claim 21 which contains further the registration equipment which can operate so : the guarantee of the product identified with said product ID may be registered.

aim 23] The system according to claim 22 which can operate further so that said registration information may register extension of a guarantee of the product from which said registration equipment is further discriminated with said product ID including a financial accounting number, and contains further the accounting equipment which can operate so that accounting to extension of said guarantee may be performed to the financial account specified by said financial accounting number.

aim 24] It is the system according to claim 23 which can operate so that said accounting equipment may charge said financial account periodically.

aim 25] It is the system according to claim 21 which can further operate so that said stored registration information :ch can operate so that said receiving side may receive said access code further, accesses said database using said access code, and contains said product ID of said product may be retrieved and said transmitting side may transmit the newest product information about the product identified with said product ID, including further the retrieval equipment :ch can operate.

aim 26] The system according to claim 25 by which said access code is received periodically.

aim 27] The system according to claim 26 which contains further the accounting equipment which can operate so : accounting to transmission of said newest product information may be performed to the financial account as which said registration information is further specified by said financial accounting number including a financial accounting number.

aim 28] The system according to claim 25 which contains further the registration equipment which can operate so : the guarantee of the product identified with said product ID may be registered.

aim 29] The system according to claim 28 by which said registration information contains further the accounting equipment which can operate so that accounting to extension of said guarantee may be further performed to the financial account as which said registration equipment can operate so that extension of a guarantee of the product further identified with said product ID including a financial accounting number may be registered, and it is specified by said financial accounting number.

aim 30] It is the system according to claim 29 which can operate so that said accounting equipment may perform accounting to transmission of said newest product information to the financial account further specified by said financial accounting number.

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TAILED DESCRIPTION

[Detailed Description of the Invention]

01]

[Field of the Invention] This invention registers consumer product warranties and relates to the server of the network which offers consumer product information.

02]

[Description of the Prior Art] It is required for the consumer who sets to the consumer products with which a guarantee is offered, and usually purchases or uses the product to perform registration of the guarantee to the manufacturer. The related matter which explains a guarantee with the guarantee registration card for usually registering a guarantee by returning to the manufacturer is attached to such a product. Product documents, such as a user manual, an operating manual, insurance notes, and a sales promotion report, are also usually attached to such a product again. The problem is that there is a possibility of losing the document which does not carry out sending the guarantee registration card for registration of a guarantee of many consumers, and is attached to the product. Furthermore, as for a product document, replacing may be needed occasionally.

03]

[Problem(s) to be Solved by the Invention] The procedure of this guarantee registration is simplified, a consumer is provided with the incentive which registers a guarantee, and the technique in which a consumer enables it for the newest product document to come to hand simply [always] is needed.

04]

[Means for Solving the Problem] This invention is the system and the approach provide the consumer of a product with product information, simplify guarantee registration procedure, provide a consumer with the incentive which registers a guarantee, and a consumer enables it for the newest product document to come to hand simply [always]. Registration information including Product ID and the information relevant to the consumer of the product is received. It is judged whether Product ID is effective, and when effective, the registration information is stored. The access code which identifies the stored registration information is transmitted, and the product information about the product identified with Product ID is transmitted similarly. The guarantee of the product identified with Product ID can be registered.

05] Registration information can contain a financial accounting number further, it is possible to register extension of guarantee of the product identified with Product ID, and accounting to extension of the guarantee can be performed to a financial account specified by the financial accounting number. Accounting to a financial account can be performed periodically.

06] If an access code is received, retrieval of the stored registration information which contains Product ID using the access code will be performed, and the newest product information about the product identified with Product ID will be transmitted. This access code is periodically receivable.

07] Registration information can have a financial accounting number further, and can perform accounting to transmission of the newest product information to the financial account specified by the financial accounting number.

08]

[Embodiment of the Invention] Drawing 1 shows the system which operates a product information server and in it. One more computer system like the consumer systems 102A-102N operated by the consumer is connected to the product information server 106 so that a communication link may be possible through a desirable network like the Internet 104. The product information server 106 contains a general-purpose product code (Universal Product Code, henceforth, 'C') / part number index 108, the product information database 110, and the consumer registration database 112. 'C' / part number index 108 carries out the indexing of the product code of the product supported, the part number, or both by the related product document in which it is stored by the product information database 110. The user

istration database 112 stores the information about the registered user in a system.

09] Drawing 2 is the flow chart of the process 200 of this invention of operation, and it can be understood best that it corresponds to with drawing 1. The consumer who operates computer system, such as system 102A, starts a process 200 from step 202 which accesses the web page offered by the product information server 106. As everyone knows, the operator of a computer inputs URL into a browser program, and access to a web page is performed when the browser program accesses the web page specified by the URL through the Internet.

10] In step 204, a consumer registers a product by inputting browser registration information including UPC or the part number which functions as a product ID of the product registered. Registration information can include information, such as information on other which the operator of a consumer's name, the address, the purchase location of a product, the serial number of a product, the dealings identification number from a selling agency, and the product information server 106 or the manufacturer of a product needs, again. A browser transmits UPC or the part number, and registration information 114 which are shown in drawing 1 to the product information server 106 through the Internet 104.

11] In step 206, the product information server 106 registers a consumer, and sends an access code or a registration number 116 to the consumer, and, thereby, as for a consumer, access to product information is attained. In order to perform this step, using UPC or the part number received from consumer system 102A, the product information server 106 accesses UPC / part number index 108, and verifies whether effective UPC or the effective part number was received. Furthermore, it judges whether the product information server 106 accessed the consumer registration database 112, and the consumer has already registered it into the product information server 106. When the consumer is already registered, the registration information corresponding to the product identified with received UPC or the part number is added to a consumer's entry in the consumer registration database 112. When the consumer is not registered, the entry corresponding to the consumer is added to the consumer registration database 112 with the registration information corresponding to the product identified with received UPC or the part number. If UPC or the part number is checked, the product information server 106 can transmit an access code or a registration number 116 to a consumer, and a browser program can store the access code or registration number 116 in consumer system 102A. Preferably, an access code 116 identifies uniquely both consumers who purchased a product and its product.

12] In step 208, the product information server 106 registers a guarantee to the consumer about the product identified with received UPC or the part number into the manufacturer of the product, and transmits the product information 117 to the consumer. In the operation gestalt shown in drawing 1, registration of a guarantee can be electronically performed by transmitting to the computer system 120 of the manufacturer from the guarantee registration information through the Internet, a local area network, a Wide Area Network, permanent connection, a dialup connection, etc. In another operation gestalten, guarantee registration information is printed and is sent to the manufacturer by mailing or the like. moreover, other operation gestalten -- if it is, the manufacturer can contact to the operator of the product information server 106, and maintenance of the guarantee registration database of the manufacturer is also performed and it can also give him offer of guarantee service of the manufacturer.

13] In order to transmit the product information 117, the product information server 106 accesses the product information database 110, and retrieves the product information relevant to the registered product. Sales promotion reports, such as an owner's manual, a user manual, insurance notes, a repair manual, specification, an accessory catalog, a catalog of selling information and other products, etc. may be contained in such product information. The operator of the product information server 106 can determine whether to send all the information relevant to a product, or send partially on the occasion of the registration about each product supported by the product information server 106. Usually, on the occasion of registration of a product, only an owner's manual, a user manual, insurance notes, and a sales promotion report are sent.

14] Consumer system 102A can receive the product information 117, and can store it. A consumer can store in consumer system 102A such product information on all the products registered in this way using organization of all products by the consumer. By hope, a consumer can print all product information and can backup such information.

15] In step 210, a consumer receives the incentive of the addition which the operator of the product information server 106 to guarantee registration, the manufacturer of the registered product, or its both expect offer. For example, a discount to the consumer who performed online guarantee registration can be offered. This discount can also be directly given by the account of the financial facilities of the credit card with which a consumer presents that account number, and others. Moreover, the product information server 106 can also transmit the discount bond with which the unique identification ID which can receive discount as an exception method when a consumer transmits by e-mail is attached. Furthermore, as another example, a consumer can also get the score (credit) to the shopping account (shopping account) maintained by the operator of the product information server 106, the manufacturer of the registered product, or the

tractor that is similar to it in addition to this. The score can be spent in order to purchase the article offered by such tractors, service, or its both. Moreover, as an option, the manufacturer of a product, a selling agency, or its both can offer discount of the product to the consumer who participated in the online product information option on the occasion of the purchase of a product.

16] In order to make the newest information relevant to each product reflect, the product information stored in the product information database 110 can be updated, corrected, changed or deleted easily. Since the product information server stores in the consumer registration database 112 the information relevant to the product with which a consumer purchases and were registered, a consumer can access the product information server 106 by hope, and retrieve the newest product information. A consumer, a browser program, or its both make the access code or registration number 116 received in advance by consumer system 102A transmit to the product information server 106 in step 212. The product information server 106 accesses the consumer registration database 112, and retrieves the information relevant to the consumer identified by the access code 116 and the registered product. The product information server 106 accesses the product information database 110 next, and retrieves the newest product information on the registered product relevant to an access code. In step 214, the product information server 106 transmits the retrieved newest product information to consumer system 102A.

17] Usually, a consumer accesses the product information server 106 to judge [various] whether the information on additional can come to hand, when the product information received before has been lost or deleted, or or it is new. The access which accesses product information is automatable. With 1 operation gestalt, a browser program can access the product information server 106 periodically, and the newest product information can be acquired. With another operation gestalt, only when a consumer accesses the product information stored in consumer system 102A, product information is updated. moreover -- another operation gestalt -- the product information server 106 -- the time -- a chip or the information updated periodically -- a consumer system -- an electronic mail or "push" technique ("pusher" technology) -- it can transmit .

18] In 1 operation gestalt of this invention, the product information server 106 can cope with the consumer who has the access code sent in order to access. For example, a consumer can input the registration information on others, has an identifier, and a consumer's address or Product ID, a serial number, into the product information server 106. The product information server 106 discovers the entry to which it corresponds in the consumer registration database using the inputted information. Then, the consumer registration database 112 can transmit the access code to a consumer again.

19] In another operation gestalt, the product information server 106 can offer access to product information to the user who has not registered. For example, product information, such as an owner's manual and a user manual, will be helpful to such a user to acquire the information on products various before the user who may purchase a product chasing. Furthermore, other information, such as specification and sales promotion information, may be helpful. In another operation gestalt, probably, the manufacturer and the vendor of a product desire offer of such information in order to demand the purchase of the product of opposite *Perilla frutescens* (L.) Britton var. *crispa* (Thunb.) Decne. from possible people of purchase. The operator of the product information server 106 can perform the claim of the tariff to the user processing to the manufacturer or a vendor.

20] The example of consumer system 102A shown in drawing 1 is shown in drawing 3 . Consumer system 102A contains the arithmetic and program control (CPU) 304 connected to the network adapter 302, a user interface 306, and memory 310. A network adapter 302 makes possible data communication with a network and the server which accesses the Internet preferably and is connected to the network for consumer system 102A. Although the modem of the interior or the exterior is usually contained in a network adapter 302, an ISDN adapter, a local area network adapter, a Wide Area Network adapter, etc. can also be included. A user interface 306 displays on a user the output generated by the product information server 106 and consumer system 102A in the input from a user. Although a user interface 306 contains a mouse, a keyboard, and a monitor, it can also usually contain other equipments, such as a graphic tablet, a trackpad, a trackball, a scanner, and a printer.

21] Memory 310 can be accessed by CPU304 and the program instruction executed by CPU304 and the data used in the case of program execution are stored. Memory 310 usually Random access memory (RAM), read-only memory (ROM), Programmable ROM (PROM:programmable read-only memory), An erasable programmable ROM (EPROM:erasable programmable read-only memory), Equipments, such as an electric erasable programmable ROM (EEPROM:electrically erasable programmable read-only memory), Moreover, storage, such as a hard disk drive, a floppy disk drive, a magnetic tape unit, and an optical disk drive, is included.

22] Memory 310 contains the browser program 312, the plug-in interface routine 314, a plug-in module 316, an access code 318, the product information 320, and the operating consumer system 322. The browser program 312

izes all the functions of a browser "are incorporated (built-in)", and the plug-in interface 314 connects a plug-in module 316 to the browser program 312. A plug-in module 316 adds the additional function "which is not incorporated" in the browser. The access code block 318 contains the access code returned from the product information server 106 on occasion of registration of each product. The product information block 320 includes the product information sent from the product information server 106.

23] The example of a product information server 106 like the product information server 106 of drawing 1 is shown in drawing 3. The product information server 106 contains the arithmetic and program control (CPU) 404 connected to a network adapter 402, an operator interface 406, and memory 410. A network adapter 402 makes possible data communication with the computer system which connects the product information server 106 to the Internet, and is connected to the Internet, such as consumer system 102A. Although a network adapter 402 includes T1 interface or T3 interface, it can also usually contain an ISDN adapter, a local area network adapter, a Wide Area Network adapter, etc. The operator interface 406 displays the output generated by reception and the product information server 106 in the input from the operator of the product information server 106 to an operator. Although an operator interface 406 usually contains a mouse, a keyboard, and a monitor, other equipments, such as a graphic tablet, a trackpad, a trackball, a scanner, and a printer, can also be included.

24] Memory 410 can be accessed by CPU404 and the program instruction executed by CPU404 and the data used in the case of program execution are stored. Memory 410 usually contains storage, such as equipments, such as random access memory (RAM), read-only memory (ROM), programmable ROM (PROM), an erasable programable ROM (EPROM), and an electric erasable programable ROM (EEPROM), and a hard disk drive, a floppy disk drive, a magnetic tape unit, and an optical disk drive.

25] Memory 410 contains UPC / part number index 108, the product information database 110, the consumer registration database 112, the database access program 412, the server control program 414, and an operating system 416. UPC / part number index 108 is attached as an index header of the product code of the product supported, the part number or its both, and the related product document stored in the product information database 110. The user registration database 112 includes the information relevant to the user registered into the system. The database access program 412 performs access to UPC / part number index 108, the product information database 110, and the consumer registration database 112, in order to answer the enquiry based on input, such as UPC, and the part number or an access code. With an operating system 416, the server control program 414 offers server ability, such as a transmission control protocol/Internet Protocol (TCP/IP), a file transfer protocol (FTP), and a HyperText Transfer Protocol (HTTP), to the product information server 106.

26] The product information document in the product information database 110 is storable in the suitable format of information. Preferably, although a product information document is stored by the portable document format (PDF), the combination of such formats, such as document processing system formats, such as a graphics interchange format (GIF), JPEG (Joint Photographic Experts Group), tag image file format (TIFF), text format and Microsoft Word (Microsoft Word), and the WordPerfect (WordPerfect) format, etc. is stored in the format that it is thought according to the contents of each document that it is suitable. Moreover, depending on the case, they are an MPEG (Moving picture Experts Group) format and WINDOWS. To store videos, such as an AVI (WINDOWS audio/visual interface) format, etc., or the product information on the both may be desired.

27] A product information document is transmitted to consumer system 102A by the suitable transfer protocol from the product information server 106. Preferably, although HTTP and a FTP protocol are used, others are strong, it is compatible and a suitable protocol can also instead be used.

28] The entry 500 which is the formal example of the consumer registration database 112 is shown in drawing 5. An entry 500 includes the access code field 502, the consumer information field 504, the product field 506, the manufacturer field 508, the guarantee field 510, and the consumer account field 512. An access code 502 is used as key of an entry. When the product information server 106 receives an access code or a registration number, retrieval is performed until the input which has the value to match is found to the access code field 502 of the entry of the consumer registration database 112. The product information server 106 searches the remaining fields used for a degree. The consumer information field 504 have the information which identifies the consumer to whom the access code in the access code field 502 is assigned, and the information relevant to it. For example, the consumer information field 504 have the information on others, such as DEMOGURAFIKKU information, such as the consumer's identifier, the address, the telephone number, a fax number, the address of an electronic mail and age, sex, economic conditions, and a marital history, and a product preference, and purchase possibility.

29] The product field 506 has the information which identifies the registered product relevant to the access code in the access code field 502, and the information relevant to it. Although the product field 506 can have the product

ntification information after passing through verification the information which identifies products inputted by the consumer, such as UPC and the part number, the identifier of a product, the serial number of the equipment which the consumer owns, and when possible, the size, a power rating, a version, etc. can also have the additional information relevant to the product. The manufacturer field 508 has the information which identifies the manufacturer of the product identified in the product field 506, and the information relevant to it. The guarantee field 510 has the information relevant to the guarantee of the product. The date of the purchase date of a product, a vendor and a purchase location, a guarantee registration etc. may be contained in the information relevant to a guarantee.

30] The consumer account field 512 can have financial accounting numbers presented by the consumer, such as a credit card number and a bank account number. Accounting to the consumer by the product information server 106 to transfer of the product information to a consumer and storing of the information on assignment of the consumer to the consumer registration database 112 becomes possible by the financial accounting number. Accounting to a consumer can be performed to access to periodical or the product information server 106. Furthermore, the product information server 106 can perform [a financial accounting number] now initiation of guarantee extension of the product registered to the consumer, and maintenance. Extension of a guarantee can be offered with the operator of the product information server 106, the manufacturer of a product, and a third person service provision engine.

31] As a conclusion, the following matters are indicated about the configuration of this invention.

32] (1) The step which receives the registration information which is the approach of providing the consumer of a product with product information through a network, and contains the product ID of said product, and the information about said consumer of said product, The approach containing the step which judges whether said product ID is effective, the step which stores said registration information, the step which transmits the access code which identifies said stored registration information, and the step which transmits the product information about the product identified with said product ID.

An approach given in the above (1) which contains further the step which registers the guarantee of the product identified with said product ID.

An approach given in the above (2) which contains further the step which registers extension of a guarantee of the product from which said registration information is further discriminated with said product ID including a financial accounting number, and the step which performs accounting to extension of said guarantee to the financial account specified by said financial accounting number.

An approach given in the above (3) to which accounting to said financial account is performed periodically.

An approach given in the above (1) which contains further the step which receives said access code, the step which receives the registration information in which the above containing said product ID of said product was stored using said access code, and the step which transmits the newest product information about the product identified with said product ID.

An approach given in the above (5) by which said access code is received periodically.

An approach given in the above (6) which contains further the step which performs accounting to transmission of the newest product information to the financial account as which said registration information is further specified by said financial accounting number including a financial accounting number.

An approach given in the above (5) which contains further the step which registers the guarantee of the product identified with said product ID.

An approach given in the above (5) which contains further the step which registers extension of a guarantee of the product from which said registration information is further discriminated with said product ID including a financial accounting number, and the step which performs accounting to extension of the above of a guarantee to the financial account specified by said financial accounting number.

) An approach given in the above (9) which contains further the step which performs accounting to transmission of said newest product information to said financial account specified by said financial accounting number. (11) A system including a means receive the registration information which is the system which provides the consumer of a product with product information, and contains the product ID of said product, and the information about the consumer of said product, a means judge that said product ID is effective, a means store said registration information, a means transmit said access code which identifies said stored registration information, and a means transmit the product information about the product identified with said product ID.

) A system given in the above (11) which includes further a means to register the guarantee of the product identified with said product ID.

) A system given in the above (12) which includes further a means to register extension of a guarantee of the product from which said registration information was further discriminated with said product ID including the financial

ounting number, and a means to perform accounting to extension of said guarantee to the financial account specified said financial accounting number.

) A system given in the above (13) to which accounting to said financial account is performed periodically.

) A system given in the above (11) which includes further a means to receive said access code, a means to retrieve stored registration information which contains said product ID of said product using said access code, and a means to transmit the newest product information about the product identified with said product ID.

) A system given in the above (15) by which said access code is received periodically.

) A system given in the above (16) which includes further a means to perform accounting to transmission of said newest product information to the financial account as which said registration information was further specified by said financial accounting number including the financial accounting number.

) A system given in the above (15) which includes further a means to register the guarantee of the product identified with said product ID.

) A system given in the above (15) which includes further a means to register extension of a guarantee of the product in which said registration information is further discriminated with said product ID including a financial accounting number, and a means to perform accounting to extension of said guarantee to the financial account specified by said financial accounting number.

) A system given in the above (19) which includes further a means to perform accounting to transmission of said newest product information to the financial account specified by said financial accounting number.

that the registration information which is the system which provides the consumer of a product with product information, and contains the product ID of said product, and the information about the consumer of said product may be received (21) The receiving side which can operate, So that it may judge whether said product ID is effective The identification equipment which can operate, The system which contains the transmitting side which can operate so that said registration information may be stored and the product information about the database which can operate, the access code which identifies said stored registration information, and the product identified with said product ID may be transmitted.

) A system given in the above (21) which contains further the registration equipment which can operate so that the guarantee of the product identified with said product ID may be registered.

) A system given in the above (22) which can operate further so that said registration information may register extension of a guarantee of the product from which said registration equipment is further discriminated with said product ID including a financial accounting number, and contains further the accounting equipment which can operate so that accounting to extension of said guarantee may be performed to the financial account specified by said financial accounting number.

) It is a system given in the above (23) which can operate so that said accounting equipment may charge said financial account periodically.

) It is a system given in the above (21) which can further operate so that said stored registration information which can operate so that said receiving side may receive said access code further, accesses said database using said access code, and contains said product ID of said product may retrieve and said transmitting side may transmit the newest product information about the product identified with said product ID, including further the retrieval equipment which can operate.

) A system given in the above (25) by which said access code is received periodically.

) A system given in the above (26) which contains further the accounting equipment which can operate so that accounting to transmission of said newest product information may be performed to the financial account as which said registration information is further specified by said financial accounting number including a financial accounting number.

) A system given in the above (25) which contains further the registration equipment which can operate so that the guarantee of the product identified with said product ID may be registered.

) A system given in the above (28) whose registration information of said contains further the accounting equipment which can operate so that accounting to extension of said guarantee may be further performed to the financial account as which said registration equipment can operate so that extension of a guarantee of the product further identified with said product ID including a financial accounting number may be registered, and it is specified by said financial-accounting number.

) It is a system given in the above (29) which can operate so that said accounting equipment may perform accounting transmission of said newest product information to the financial account further specified by said financial accounting number.

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AWINGS

Figure 1]

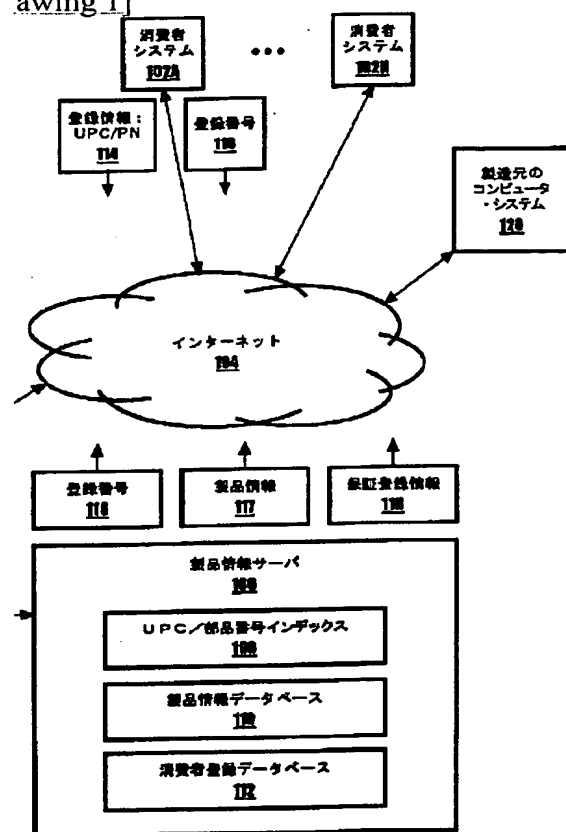


Figure 2]

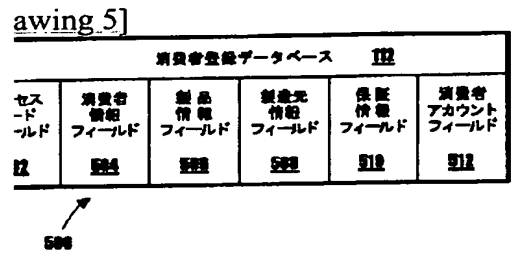
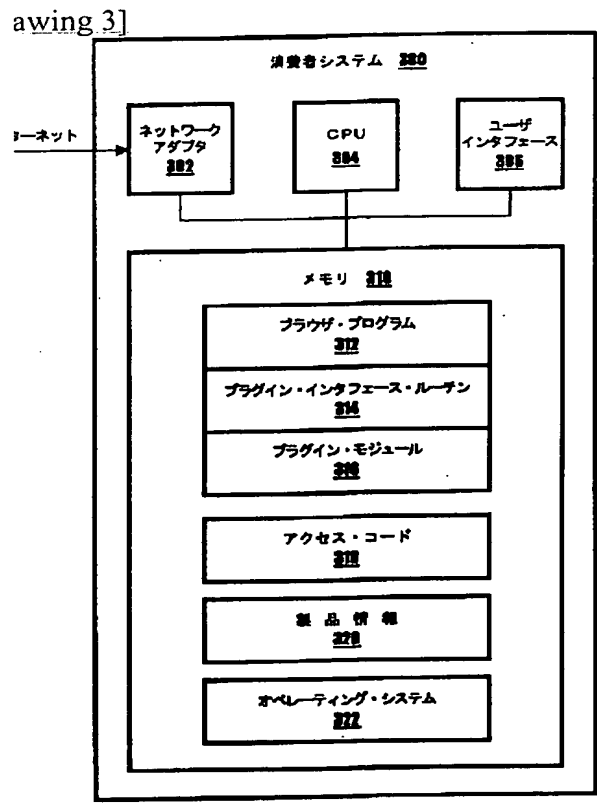
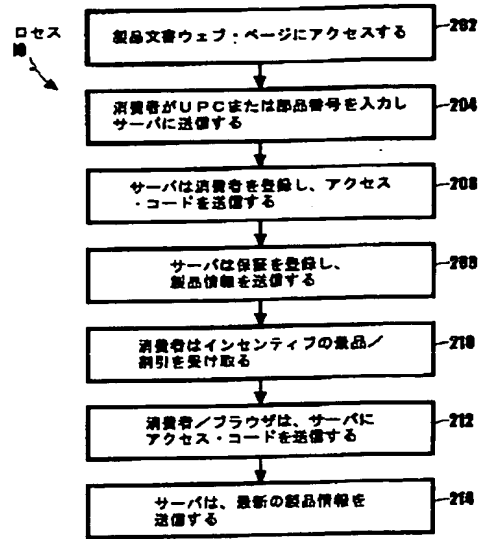
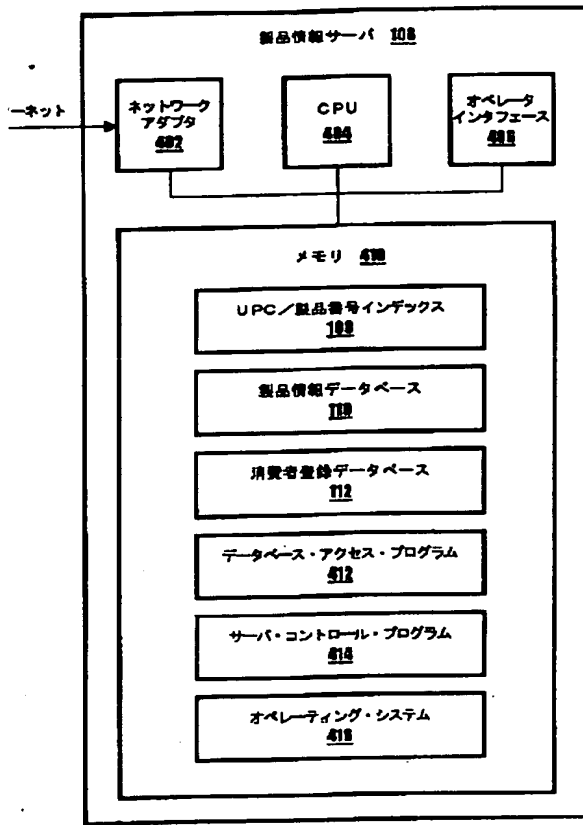


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